

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method ~~of preparing a pharmaceutical composition for treating or inhibiting obesity~~, comprising identifying a compound which inhibits de novo lipogenesis in a mammal wherein said compound is identified by measuring at least one candidate compound for inhibition of carboanhydrase activity of at least one mammalian carboanhydrase ~~the effect of at least one candidate compound on carboanhydrase activity of at least one mammalian carboanhydrase~~, selecting said candidate compound as a compound which inhibits de novo lipogenesis if said candidate compound exhibits inhibition of carboanhydrase activity of at least one mammalian carboanhydrase, and incorporating said compound which inhibits de novo lipogenesis with at least one conventional solid or liquid excipient or at least one conventional pharmaceutical auxiliary substance in to form ~~a~~ pharmaceutical composition for treating or inhibiting obesity.

2. (Cancelled).

3. (Currently Amended) A method according to claim 1, wherein said at least one mammalian carboanhydrase comprises a mammalian carboanhydrase of subtype II or subtype V.

4. (Cancelled).